

AMA-CHEWER

MONTHLY PUBLICATION of the INDIANAPOLIS RADIO CLUB INCORPORATED

MAY, 1950

AMA-CHEWER

PROGRAMS

- MAY 5th Bob Caskey, W9DNQ will demonstrate and talk on alignment of receivers. Learn how to align your receiver and the reason for the need of alignment.
- MAY 12th Business meeting of the club. Attend this meeting and learn to promote your own ideas about the operation of the club. Your attendance is what it takes to make the club your club.
- MAY 19th Visit to the Gamewell Department of the Indianapolis Fire Department, Radio dispatching. At this meeting we will inspect the Radio Dispatching equipment of the FD. Meet on the 1st floor of the City Hall at 8:00 PM CDST. tour will start from there.
- MAY 26th George Wood, W9CZO will talk on Mobile net operation. Attend this meeting and learn the interesting work that is being done on mobile nets.

Above meetings with the exception of the Fire Department inspection are held at the Northeast Community Center at 3306 East 30th St. (30th and LaSalle Sts.) It can be reached by Brightwood trolley, walk 5 squares West from the 30th St. stop or by Crosstown bus which stops in front of the Center. Meetings called to order at 8:00 PM Central Standard Daylight Saving time. Everyone is welcome. Plan now to attend.

1950 CLUB OFFICERS

Pres.	Alvey Pittman, W9JJC	RR #16 Box 588X Indpls	CO 8331
V. Pres.	Ray Forbes, W9HNS	1146 Reid Place	MA 6078
Secy.	T. Gerald Lucas, W9APJ	815 N. Sherman Dr.	IR 7885
Treas.	H. H. Harney, W9FYQ	2044 Koehne	CA 1542
Ch. Opr.	Rollie Boughton, W9PMM	1430 N. LaSalle St.	AT 6033
Director	Don J. Angus, W9CYQ	310 N. Illinois St.	RI 1331
Director	Earl W. Springer, W9HTE	RR #11 Box 263 Indpls	BL 0719

AMA-CHEWER EDITOR

Robert Caskey, W9DNQ

2355 Stuart St.

CH 3089

PAST PROGRAMS

Fred Manning, W9VPN did a very FB job of demonstrating and talking on the use of "Super Modulation". It is expected that soon there will be several more of these jobs on the air in Indpls. On Apr. 14th at the business meeting a feed was held and hold your breath, MCNAY wasn't there. Substituting for Angus who was to talk on meters on the Apr. 14th was Clarence Pence who told of his grinding of a lens for his telescope. After Pence finished his talk the meeting adjourned to the front of the Center and took a squint at the Moon. Mr. Angus gave his

talk on Meters. You will please note that quite a few of the talks have been given by club members and we want you to be the next speaker. It makes a very interesting program when a member gets before the rest of the membership and explains the operation of some phase of radio or his interpretation of some new phase of work that he has read about or is working with. Why don't you offer your services if you have just finished building up some new gear or if you have read an article in the Ham magazines why not tell the rest of the gang what you got out of the article, maybe the rest of us haven't had the time to go into the article as well as you have. See Ray Forbes and let him schedule a date for your contribution of a program for the club.

NEW MEMBERS

The following members have just been voted into the membership rolls of the club. We take pleasure in welcoming them into our ranks.

William M. Catron, W9NQC

C. C. Gould, W9AQQ

Comer Day Wolf, W9FLD

INDIANA RADIO CLUB COUNCIL

Sunday, May 7th the IRCC will meet at Gary, Ind. for the regular meeting of the council. Details of the picnic to be held at Turkey Run State will be ironed out at this meeting as well as several other items that were sent out in the agenda of the meeting. Our club delegates should be planning now to attend this meeting. The rest of us can look forward to the picnic. At this picnic, as in the past, the award for the outstanding amateur in Indiana will be awarded. Let us be getting our letters in for the award. Be ready to suggest a ham who has done outstanding work for ham radio for the past year and let's get our letter to the Council for our bid for the selection of this ham. (Picnic June 18th at 10 AM.)

NOTICES

Ham examinations May 18th at the Federal Building. If you are planning on taking the examination get your papers from the RI in Chicago and have them ready for this date.

Operators are wanted for the field day operation of K9NR. See George Wood, BL 6248 if you can operate on field day.

FLASH

Ernest Craven passed the code examination at Chicago, he now is W9KBX. Congratulations om. (Now how about you Elmer?)

CONTRIBUTED

The following represents items handed to the editor by the membership and is presented for the most part as it is turned in. Why don't you write us and let your fellow hams know what you or some of your friends are doing.

From Max Stout comes the following: Something that doesn't happen but once in a lifetime. Max writes, My new skipper is W6NCF/MM who came from SS ROCK LANDING another one of the ships in our company. I had worked him several times over in the Persian Gulf but never has any idea he would be the "OLD MAN" here. It makes it quite nice to have some one aboard who speaks the same language especially when that "some one" is the "Old man". We sit here in the shack all night talking about DX and old times in the radio game and our past in same. He gets a big kick out of my 2E26 final running from a storage battery and dynamotor

and says my 10 watts did just as good over in the Persian Gulf as his 50 watts did. Yep, sure makes things FB around here to have someone around who talks the same language. The other skipper was OK but "Non-Amateur" skippers just don't understand.

Max wrote on and sent a dollar to send the club paper to the Amateur Radio club of India/VU2BU at Bombay, India. Ye editor is looking into the matter and if possible the paper will be sent as ordered by Max. Thanks a lot for the letter and the chance to send our paper to India Max. Here is luck to you and your new "Buddy". HI.

Mr. and Mrs. Cline, the folks who we at club have meet at the Center where meetings of the club are held must have grown to like the company of amateur operators. They recently purchased and moved into a home on Station Street, right between the QTH of W9CKP, and W9DPL. (Note to Mr. and Mrs. Cline who are on the club mailing list, QTH in the above refers to address of your new neighbors)

Bob Flanders, W9CKP reports that his garage has a new tenant, in the form of a 1950 Buick automobile, these days. Now it's up to members of the local ten meter mobile emergency net section to talk him into installing a rig on the car, and he can really function as NCS for them.

EXTRA:- The 80 meter band is wide open and you're liable to hear anything on it. For instance, one recent QSO was between none other than Bob Caskey, Editor of AMA-Chewer, W9DNQ, and Marvin Mincer, W9HJH. Outstanding features of this QSO are the fact that the DX involved is nothing but local, since they live across the street from one another, the second was that it was Bob's first QSO since before the war. (which war?). Maybe someone a few blocks away can now try a schedule with Bob, then someone out of town, and so on, until he is finally active again. As for Marvin, he does alright for himself on 2 meters most of the time. Anyhow, thanks, Marvin, for bringing "new" life into the ranks of local amateurs. (Ed, defensive note. Yep, ye ed was on and even made that second contact via sked wid W9HNS but because ye ed had no antennas has none up as yet he is still among the inactive except for practice across the street contacts wid a dummy ant on the rig.) DPL

Ernie Craven, one of the ex-students in the Arsenal Technical Schools amateur radio classes in night school, sponsored by the Indpls Radio Club Inc. got a license wid the call W9KBX, he took the test at Chicago. Congratulations Ernie, and you've shown that a fellow needn't give up after a set-back in the license attempt and you're a swell example for others. Let us know what bands you operate, and when we can catch you "on-the-air".

Don Hammer of Speedway City is thinking very seriously of taking the FCC ham operators exam during May when the R. I. makes his usual local appearance. Don says that one big aid in studying the questions and the diagrams etc. involved, is to get yourself a set of fifty or sixty filing cards no larger than a post card. On one side of each copy down a question that the FCC is expected to ask on the exam. On the other side of the same card, write out a good answer in your own words. The same goes for diagrams. Copy the question on one side and an appropriate diagram on the other. Now, when studying, shuffle the cards with the question side up and answer side down, and deal yourself a few of them at random. Try your best to answer them before turning them over and looking at the answer on the other side. The ARRL amateurs handbook should be nearby for ready reference. Maybe some of the other fellows trying to get the exam questions all cleared up will find a method to this madness and give themselves a shot in the arm by trying it, and the desired results will mean a ticket.

Jerry Lucas, W9APJ, secretary of the Indianapolis Radio Club recently missed a week from work due to illness, but is now up and at 'em again. (Ed note, not true, a phone check found Jerry still in bed and expecting a call from the Doc for another Pen. shot., Here is our get well wish om) It is rumored that while at home that week, Jerry did a bit of work on the radio equipment he has accumulated at his QTH, and also realized he should give serious thoughts to the suggestions of several friends that he had better install new and stronger supporting structure to the attic flooring of his home, due to the above-mentioned accumulation of equipment.

W9DPL reports that he recently acquired a set of 3 $\frac{1}{2}$ " round panel meters all matched up, and for every conceivable circuit, a total of 39 meters altogether. When and if he gets them installed at his place, he will no doubt need tri-focal instead of bi-focal glasses, what with working for Esterline-Angus Co. (Meter manufacturers) in the day time, and watching his own meters on his transmitter at night. HI.

W9JAY, Dick Mays of Speedway City is the possessor of a brand new vibroplex speed key, chromium base, plastic paddles, jewelled bearings and all. He has borrowed an audio oscillator to use for practice before getting on the air with his rig on 40 meter CW to play "burn-out" with the boys on that band. The new "bug" has plenty of weights to start with and Dick says that as his receiving speed increases, he will bring up his sending speed along with it. Note: How many operators using an "insect" on the CW bands regard it as a "bore-saver" instead of a "time-saver"? When that thought is kept in mind, the best conditions will prevail for all concerned.

On Sunday 23 April at about 12:30 noon W9DPL was combing the 10 meter cw band for signals and heard Max Stout, W9JTY/MM, a local club member sailing the high seas as radio officer on an oil tanker, and tried vainly to raise Max, but lost out to another local, W9JKF, who took traffic from Max to his folks here in Indianapolis. Max stated they were about to enter the Panama Canal for a westward passage thru it, his first sight of the big ditch in about 80 years. Max uses 10 watts input and a small dynamotor fired with the ship's batteries. It puts in a signal that sure has a lot of authority to it, by the way.

A new ham in our midst is W9JXH, Mr. Montague, living at 2018 N. Linwood in Speedway City. Monty is an ex-W8 and from Detroit, working here now for a burglar-alarm system, works nights but hopes to get out to Indpls Radio Club meeting whenever the opportunity presents itself. You guys who have a little spare time might telephone him at IR-1107 and arrange to meet him on the air or in person, and he is quite anxious to get acquainted with some of the local ham fraternity.

W9UQD, a local ham operator is attending Harvard University, and recently spent a week vacation back home again in Indiana. He gets on the air from a station located there, occasionally.

W9JAY reports a QSO with W4ATE who says he formerly lived in Indpls and worked at the CAA experimental station at Weir Cook Airport here. He asked about several of the local hams.

Charlie Compton, W9ZCE has been heard on 75 meter phone using a new 35 watt combination exciter-transmitter which really sounded alright and delivered a swell signal. Charley says he can use it as a complete 35 watt 75 phone transmitter or as a unit for driving a higher power rig.

W9DPL reports getting a QSL card from Military Amateur Radio Station K4USA (located in the Pentagon Building Washington, D. C.) with reports of a 75 meter phone QSO on 3rd Feb. 1950. DPL cannot find anything in his log about being on 75 phone in 1950 until in April 1950. Hi. Guess W2GMZ the operator at K4USA can't read the phonetic alphabet and misunderstood some other station for the one who received the QSL card.

Along with every other active club in the country, Indianapolis Radio Club Inc. has been and will continue to take an interest in and try to help anyone who aspires to take the FCC amateur license exam and become an active ham. Individual members of the club have coached prospects, and the club has sponsored organized code and theory classes.

It would be nice if we could go a bit further with the actual help of preparing an applicant for the theory exam, in the way outlined below. We are all familiar with the multiple-choice type of exam questions used in the license exam. Why not prepare a set of these and typical answers to be available to any applicant, as a sort of a "preview" test of his status on the theory part of the exam. The type of questions used are similar to the examples below:

1. The second harmonic of a transmitter on 3905 kilocycles
 - (a) Falls from the "75 meter" phone band into an amateur CW band of a lower frequency.
 - (b) Would interfere with services of a station of other than amateur classification.
 - (c) Can not be considered objectionable if the harmonic content is not over 20% of the fundamental power output.
 - (d) Will be tolerated providing frequency stability of the harmonic is of the order of .015%.
 - (e) Is permissible providing AM or FM radiophone, but not CW emissions are being radiated.

Answer _____

2. Which of the following statements is false? The Indianapolis Radio Club, Inc.
 - (a) Is the oldest organized radio club in the world and publishes "Amachewer" each month.
 - (b) Meets each Friday night at 8 O'Clock at the North East Community Center Building at 30th and LaSalle Streets.
 - (c) Sponsors contests, provides personal meetings with other amateur operators and promotes amateur radio.
 - (d) Is affiliated with the American Radio League Inc. for the protection and furthering of amateur radio privileges.
 - (e) Is composed only of professional and commercial executives who have only a financial interest in amateur radio possibilities.

Answer _____

If we had a set of fifty or seventy five or a hundred of these questions with the multiple choice type answers, and would offer to give the exam at or with a club meeting shortly before the regular visits of the FCC representative for the license exams, no doubt many fellows would appreciate it. The fellows could write the exam and that same evening or at a later date the questions could be brought up for review of all concerned, thus giving a fellow further confidence in his ability to pass the exam, and thus smoothing out any rough spots in his particular knowledge of what is to be expected of him at the exam. If each club member would make up just a few sets of questions and answers and turn them in we would soon have enough material for a real session. Exam pages could be used over and over again, if the answers only were designated on a single sheet and handed in for grading and discussion.

Who will give this idea further thought by helping to organize such a project? Apply to Alvey Pittman, W9JJC, club president.

CALL BOOK

The book of licensed Indianapolis Hams is going right along now. The stencils have been cut and printing will soon get started on this undertaking of the club. If you have been licensed within the past six months you should make sure that you will be listed by sending to the editor your name, call, address, and telephone number. When this list is printed and made into book form it will be placed in the hands of all those listed with in its pages. To support the cost of the project advertising will be accepted to be included in the booklet. A sample copy will soon be sent to those in the radio business so that they may look over the possibilities of having their ad before the some 300 odd local hams. Remember, to make a complete book we need your help to get the recently licensed hams into the forms before they are run.

CONTEST

Dont forget the contest being sponsored by the Indianapolis Radio Club. The idea behind the contest is to enable the hams to meet each other and to become better acquainted with each other as well as seeing the station of the fellow amateur. Remember to get verification of your visit to the other station so that when the contest closes that you can present your log of visits for checking by the judges. Complete rules covering the contest will be published after next business meeting. Keep making those visits in the meantime and getting those QSL cards signed by the operator while you are there. Lacking QSL cards he can acknowledge your visit by signing any paper noting your visit to his station. Be sure to have the visitor sign your listing too for the confirmation.

YOUR PAPER

Ye editor, publisher, helpers, are trying to make your paper better in all ways. In the publishing of items you want, such as last months list of condenser identifications, in reporting your doings (if you will get them to us) and an honest desire to make your paper what you want it to be. Striving to make a better appearing paper you will find this month that each page of material has been cut in a different manner in so much as some use expensive stencils, bare, some with cheap stencils, with a new backing and some with cheap stencils, a glazed backing and a front film to correct for the old beat up typewriter that your paper is cut on. On top of all these tries you will find for the next few issues of Amatechewer that a new type of paper is being used that promises to prevent the show through that has occurred with the white paper that has been used before. We want your comments on your paper so that we can make it what you want and as well as we can make. Any suggestions to that end will be appreciated.

Being your paper you should see to it that ye ed gets something to publish so make it a habit to jot down your doings, your friends doings or what you have heard over the air and send or give them to ye editor or to the club secretary. Won't you help?

PAPER EXCHANGE

We have added another paper to those with which we exchange club papers. This time it is the ATA News put out by the Amateur Transmitters Assn. of Western Penna. The editor is Warren C. Dunn, W3LFK, Box 128, RD #3, Bellevue, Pittsburgh 2, Pa. They put out a 3 page (6 sides) legal size paper that has some really fine art work in the advertisements of which they have quite a few. (We like so many). How about an add man for our paper?

W9DPL sends a clipping of the Indpls Star of Apr. 2 with W9IGP, the Rev. F. H. Thomson pastor of Troub Memorial Presbyterian Church. The article was very interesting and gives ham radio a good send-off. (Ye ed sent the Rev. a copy of amateur, when the article appeared and invited him to club so perhaps we may see at club some time if his duties permit.

Ye ed has had several requests for his diagram of the power supply with indicating eye for the BC-221, freq meter. He promises that he will put it in the next issue of our paper but in the mean time please note that in the latest QST a circuit for the eye alone appears so if you want the indicator now why not look it up in the latest QST. By the way comments on our contest are still coming in and we may have to request other entrants to supply diagrams of their equipment before long.

It it seems that AMA-CHEWER contains information that is submitted by only a very few contributors, why not get busy and give these men some competition. You no doubt hear of many items that would be desirable to run in the publication, but you don't take the time or make the effort to report same to the editor. Several fellows have volunteered help in printing AMA-CHEWER lately, and the editor really appreciates this, but the first requirement for a good publication is that news be submitted. The Cincinnati gang have recently accepted volunteers for the coming year to report activities for their publication. One man is a "clearing house" for any and all DX news and he writes it up for publication and hands it to the editor ready to go. Another ham acts as correspondent for the mobile activities, and all mobile boys report in to him, and he prepares the copy. Another man acts as emergency news co-ordinator, another as contest reporter, another as traffic news reporter, etc. and all in all the scheme has excellent possibilities that could be applied here in Indianapolis. Bring up the subject at a future club meeting and let's see what the gang will or can do to make AMA-CHEWER a better and bigger and more interesting publication and incidentally lighten the load on the editor. (Ed. sounds mighty good to him to hear of all the news gathering reporters and we really need just that. That business of a new gang taking over the job sounds even better because ye ed feels that he has done his share and now one that has new fresh ideas on the subject should take over and push on ahead.)

Club member Don Hammer of Speedway City has the receiver portion of an SCR522 outfit running, but at times complains that signals are not up to par or are almost totally lacking. Anyone with a station on 2 meters will find a willing listener and helper in any tests they might want to run on their transmitters, if they will let Don know when to listen for them, and make notes or give reports on signals.

We must have in our midst among the membership of the Indianapolis Radio Club many hams and individuals who have a special talent along some particular line of our hobby. Why not have a listing in a future issue of AMA-CHEWER of such fellows, volunteering to help either beginners or old-timers with some problem they might have, which the volunteer could help solve. If a man has done extensive work with beam antennas, or with voltage regulated power supplies, or conversion of various components of war surplus equipment or has ideas on how to snag a few more DX stations. If he has doped on frequency measurements or crystal grinding or helping some beginner to master the code, or ability to help with BCI or TVI, the installation and tuning of mobile rigs or handling of traffic, he could add his name to the register to

be published in AMA-CHEWER and thus share his know-how with others, thus the whole gang would profit. His telephone might ring a few extra times a week, or he might have visitors a little oftener, but the little effort he put out would be more than appreciated by the one in search of help. Along the same line of thought a fellow having ownership or access to some test equipment, or instruments or tools or tests or manuals not generally available, could make himself a very popular fellow by sharing such under some sort of an agreement with the fellow who needed a little help in getting over the hump and licking some tough problem. Demonstrations could be made at a club meeting or at the home station and help given to any and all interested parties.

PRINTING PARTY

Presnet for this printing of AMA-CHEWER is George Wood, W9CZO and ye ed. Robert Caskey, W9DNQ. A credit line to my mother and aunt for the folding, stapling, and stamp licking that will do the next day.

CLASSIFIED

FOR SALE- 1-RME HF 10-20 80 Meter command xmitter. PE-103 - PP 813 final with B&W Tank Components and Millen Exciter on Bud Grey panel. Sonar VFX NBPM exciter. Sonar XE80 Xt-1 controled exciter. BC-348 receiver converted. George Wood, W9CZO, IR 7534

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